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HOLSTON ARMY AMMUNITION PLANT  
Producer Gas Plant (Building 10)  
Plant A (Area A)  
Kingsport, Sullivan County, Tennessee

HAER-TN-10A

Photographed by: Robert A. Ryan and Bruce A. Harms

OENNETT, MUESSIG, RYAN & ASSOCIATES, LTO.  
Iowa City, Iowa

April 1986

- TN-10A-1 Overall view, looking SE; showing relationship of coal conveyor to the plant. (Ryan)
- TN-10A-2 Side view of producer #9 showing coal feed chute, rabble arm drive assembly located on top of producer, and ratchet wheel assembly. (Ryan and Harms)
- TN-10A-3 Producer pitch trap (producer #1), mezzanine level, with workers shoveling pitch from trap; looking N. (Ryan and Harms)
- TN-10A-4 View of the NE side primary scrubbers with the collector main alongside the mezzanine platform; looking NW. (Ryan)
- TN-10A-5 Middle exhauster complex; second floor, exhauster room; looking N. (Ryan and Harms)
- TN-10A-6 Producer ash bin with drive mechanism (producer #6); first floor, looking SW. (Ryan and Harms)
- TN-10A-7 Photograph of a line drawing. "PART III, SECTION 1, EQUIPMENT LAYOUT, BUILDING NO. 10, PRODUCER GAS & EXHAUSTER BLDG., PLANT A." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant A, Parts I, II, III. (Nashville, TN: Office of District Engineer, 1944).
- TN-10A-8 Photograph of a line drawing. "GENERAL ARRANGEMENT OF PRODUCER GAS PLANT - ELEVATION." Holston Ordnance Works, Tennessee Eastman Corporation. December 9, 1942; revised February 16, 1943, November 3, 1943, October 15, 1982. Delineator: H. J. G. Drawing # 7651-117.11.

- TN-10A-9      Photograph of a line drawing. "PRODUCER BUILDING - LONGITUDINAL SECTION." Holston Ordnance Works, Tennessee Eastman Corporation. December 23, 1942; revised November 8, 1943, October 6, 1982, October 30, 1984. Delineator: H. J. G. Drawing # 7651-117.67.
- TN-10A-10     Photograph of a line drawing. "PROCESS FLOW SCHEMATIC, GAS PRODUCER PROCESS, BUILDING 10A." Holston Army Ammunition Plant, Holston Ordnance Corporation. August 29, 1974. Delineator: G. A. Horne. Drawing # SK-1942.
- TN-10A-11     Photograph of a line drawing. "CROSS SECTION OF GAS PRODUCER." From George R. Cooper (Wilputte Corporation). "Operating Overview of a Producer Gas Plant (12 Machines) at Kingsport, Tennessee." Presented at the Fifth Annual International Conference on Coal Gasification, Liquefaction and Conversion to Electricity. University of Pittsburgh, August 2, 1978.
- TN-10A-12     Photograph of a topographic map. "HOLSTON ORDNANCE WORKS, KINGSFORT, TENNESSEE, VICINITY MAP: ENLARGED KINGSFORT AREA. WAR DEPARTMENT, INDUSTRIAL FACILITIES INVENTORY, PART I, SECTION 3." From U.S. Army Corps of Engineers. Industrial Facilities Inventory, Holston Ordnance Works, Kingsport, Tennessee. Plant A, Parts I, II, III. (Nashville, TN: Office of the District Engineer, 1944).
- TN-10A-13     Photograph of a line drawing. "BUILDING LOCATION PLAN, AREAS A & B." Holston Army Ammunition Plant, Holston Ordnance Corporation. September 8, 1970. Delineator: R. C. G. Drawing # 7651-212/1226.03.